

From glowbugs@devp214.theporch.com Mon Jan 27 12:37:33 1997  
Return-Path: <glowbugs@devp214.theporch.com>  
Received: from devp214.theporch.com (devp214.theporch.com [192.150.244.22])  
by uro.theporch.com (8.8.5/AUX-3.1.1)  
with ESMTP id MAA24601 for <shimshon@theporch.com>;  
Mon, 27 Jan 1997 12:37:32 -0600 (CST)  
From: glowbugs@devp214.theporch.com  
Received: from devp214.theporch.com (localhost [127.0.0.1])  
by devp214.theporch.com (8.8.4/SCO-5.0.2) with SMTP  
id SAA02799; Mon, 27 Jan 1997 18:35:27 GMT  
Date: Mon, 27 Jan 1997 18:35:27 GMT  
Message-Id: <199701271835.SAA02799@devp214.theporch.com>  
Errors-To: ws4s@infoave.net  
Reply-To: glowbugs@devp214.theporch.com  
Originator: glowbugs@devp214.theporch.com  
Sender: glowbugs@devp214.theporch.com  
Precedence: bulk  
To: Multiple recipients of list <glowbugs@devp214.theporch.com>  
Subject: GLOWBUGS digest 428  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Please send list server requests to listproc@theporch.com  
Status: 0

#### GLOWBUGS Digest 428

Topics covered in this issue include:

- 1) Subminiature tube receiver  
by Chris <c\_sieg@mountk.conknet.com>
- 2) Need VTVM Manual  
by Bob Marsh <bmarsh@hicom.net>
- 3) SB-301/401 - On The Air  
by Bob Marsh <bmarsh@hicom.net>
- 4) Re: What tube would you use in a lifetime application?  
by rdkeys@csemail.cropsci.ncsu.edu
- 5) Re: What tube would you use in a lifetime application?  
by rdkeys@csemail.cropsci.ncsu.edu

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Date: Sun, 26 Jan 97 16:18:59  
From: Chris <c\_sieg@mountk.conknet.com>  
To: glowbugs@theporch.com  
Subject: Subminiature tube receiver  
Message-ID: <Chameleon.854313723.c\_sieg@conknet.com>

Hi Folks,

Several people showed interest in the PC board tube receiver so I stuck a few

photos  
of it on my WEB page. If you would like to have a look go to:

[www.conknet.com/piexx](http://www.conknet.com/piexx)

and follow to PIEXX and then to new products, its at the bottom of that page. Or:

<http://www.conknet.com/piexx/piexx/new/new.htm>

Thanks,  
-Chris

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Name: Chris  
E-mail: Chris <c\_sieg@conknet.com>  
URL <http://www.conknet.com/piexx>  
Date: 1/26/97  
Time: 4:18:59 PM  
-----

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Date: Sun, 26 Jan 1997 20:22:05 -0500  
From: Bob Marsh <bmarsh@hicom.net>  
To: Glowbugs List Server <glowbugs@theporch.com>,  
Subject: Need VTVM Manual  
Message-ID: <32EC033D.248D@hicom.net>

Hi everyone,

I just got an RCA Senior Volt Ohmist mod WV98A. I'm looking for a manual or copy with the maintenance/calibration procedures. I'll be happy to reimburse, etc, etc.

Thanks

Bob/KB2SGM

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Date: Sun, 26 Jan 1997 20:31:52 -0500  
From: Bob Marsh <bmarsh@hicom.net>  
To: Glowbugs List Server <glowbugs@theporch.com>,  
Subject: SB-301/401 - On The Air  
Message-ID: <32EC0588.3087@hicom.net>

Hi all,

I finally got the Heath "Twins" finished and on the air. Reports on the signal have been very good. (guess I finally managed to do something right!)

I still have to do another alignment (I get better at it each time i do it) and probably replace the finals at some point. I'm getting between 50 and 65 watts out depending on the band/freq on CW, but I'm pretty sure another alignment will help some.

For now, though, I'm just gonna play with it a while! I'm really impressed with the receiver - it sounds great! All my solid state gear is collecting dust over here from lack of use.

Thanks to all who provided advice and encouragement. That glimmer of understanding is getting a little brighter!

73 de Bob/KB2SGM

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Date: Mon, 27 Jan 1997 12:03:50 -0500 (EST)  
From: rdkeys@csemail.cropsci.ncsu.edu  
To: broehrig@admin.aurora.edu  
Cc: rdkeys@csemail.cropsci.ncsu.edu (), glowbugs@theporch.com  
Subject: Re: What tube would you use in a lifetime application?  
Message-ID: <9701271703.AA133329@csemail.cropsci.ncsu.edu>

> > 1) ONE tube type used throughout, for spares conservancy.  
>  
> All things considered, I would pick the most common pentode available  
> today which would perform well at the RF frequencies. If a tube works well  
> at RF, it will work well at IF/audio frequencies. In my mind, the  
> noise figure and cutoff characteristics, would be important.

This is a good point.

After reading this, I would probably approach it somewhat like this.....

- 1) pick a common triode type. (thinking of regenerator service here)
- 2) pick a common pentode type. (this is where the generic doall tube would be of value)

> As someone else said, you can always wire a pentode as a triode and  
> can always parallel them for power capability. It is probably not a good  
> idea to use triodes in IF and RF amps because of the tendency for them

> to oscillate.

For the sake of generic glowbugging, I would still opt for a generic triode and a generic pentode, then, for utility. There are some instances where triodes are just easier to play with, and many instances where pentodes are more stable, so the case for 1 type of each is probably valid.

> For HF, I guess I'd choose something like the 6AU6, 6BA6, or 6CB6  
> (whichever is remote cutoff for good AGC use). i

Well, there are a buku's gazillion different types. The problem is which one is likely to be around in sufficient quantity to be a workable glowbugging device for the next X number of years.

Is there one type that particularly would shine, in terms of generic subbability and good cutoff/AGC action/transconductance, etc?

Is there a common sleeper variety that is not a sought after type as used in the Hamarcollijohnsiscratchers, etc?

> > There are many ways to approach the problem, and back when I was a pencil  
> > pocket protector geek kid, I would have taken one approach.  
>  
> NOW WATCH IT! I still use a pocket protector!

Gee, there are still a few of us around..... Are you still wearing the classic white shirt with narrow string tie and still carrying the leather softeside satchel?.....(:+{} }.....

There is something to be said for the carrying capacity of that softside satchel brief case..... but string ties..... nah, not since I let me hair grow down in the 60's and sported the Tijuana retreads and beads .... (:+{} }.....

73/ZUT DE NA4G/Bob UP

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Date: Mon, 27 Jan 1997 12:06:36 -0500 (EST)  
From: rdkeys@csemail.cropsci.ncsu.edu  
To: mkelly@faraday.dialix.com.au  
Cc: rdkeys@csemail.cropsci.ncsu.edu (), glowbugs@theporch.com  
Subject: Re: What tube would you use in a lifetime application?  
Message-ID: <9701271706.AA133344@csemail.cropsci.ncsu.edu>

> > What Tube Would You Use in a Lifetime Application for a Receiver

> > That Would be Based Upon ONE Tube Type Throughout:  
> > \*\*\*\*\*  
> > Well, Bob, without much thought I'd think about the 6SN7. Nice  
> > double triode, versatile, and 4.3 quadzillion of 'em were made  
> > during the glowing TV era.  
>  
> I have an old Flying Doctor rig here that uses exactly that tube  
> right thru. One didn't want to have to keep a bunch of different  
> valves in the cupboard in case sumpin' went wrong. And anyhow,  
> since you didn't know which tube was bung, you switched them round  
> till it worked again!

Well, Murray, that is exactly the reason why I pose this thread,  
because there may come a time when the really odd tubes are not  
commonly found, and a generic sub for play will have to be worked out.  
The Flying Doctor rig would be a classic example of that utility.

Tell us a bit more of that rig, for discussion.....

Bob/NA4G

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End of GLOWBUGS Digest 428  
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